

What is claimed is:

1. A ceramic honeycomb extrusion apparatus having a biaxial screw portion, a flow regulation portion, a foreign substance removal portion and an aglet extrusion portion, which are arranged as a main portion from an upstream side of a batch flow, comprising the construction such that the flow regulation portion includes a diameter reducing portion, a cylinder portion and a diameter expanding portion arranged from an upstream side, wherein:

- (1) an inlet shape of the diameter reducing portion at a side of the biaxial screw portion is equal to an outlet shape of the biaxial screw portion;
- (2) an outlet shape of the diameter reducing portion at a side of the cylinder portion is equal to an inlet shape of the cylinder portion;
- (3) an inlet shape of the diameter expanding portion at a side of the cylinder portion is equal to an outlet shape of the cylinder portion; and
- (4) an outlet shape of the diameter expanding portion at a side of the foreign substance removal portion is equal to an inlet shape of the foreign substance removal portion.

2. The ceramic honeycomb extrusion apparatus according to claim 1, wherein the flow regulation portion has a cassette mechanism such that only an inner portion thereof can be attached or detached.

3. The ceramic honeycomb extrusion apparatus according to claim 2, wherein the cassette mechanism of the flow regulation portion is formed by assembling at least two members.

4. A method of extruding a ceramic honeycomb, comprising a step of extruding the ceramic honeycomb by utilizing the ceramic honeycomb extrusion apparatus set forth in claim 1.